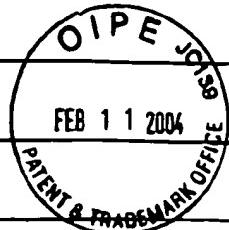


Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)							Atty. Docket No. P23683	Serial No. 10/646,824
							Applicant Hiroshi NOMURA	
							Filing Date August 25, 2003	Group 2872

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
(R)	4	5	2	5	0	5	0	06/25/85	OHASHI		
	4	6	4	3	5	5	5	02/17/87	WAKABAYASHI		
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FOREIGN PATENT DOCUMENTS

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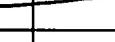
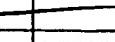
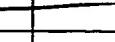
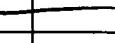
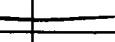
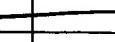
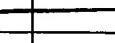
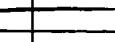
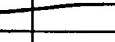
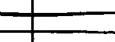
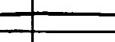
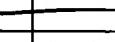
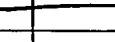
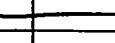
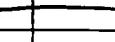
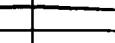
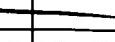
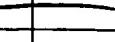
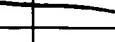
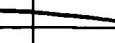
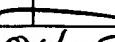
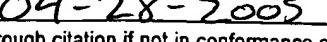
EXAMINER

D. Gray

DATE CONSIDERED

04-28-2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office							Atty. Docket No. P23683	Application No. 10/646,824			
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)									Applicant Hiroshi NOMURA				
									Filing Date August 25, 2003	Group 2851			
U.S. PATENT DOCUMENTS													
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		5	2	1	0	6	4	4	05/11/93	NOMURA			
		5	3	7	6	9	8	3	12/27/94	YAMAZAKI et al.			
		5	6	3	6	0	6	2	06/03/97	OKUYAMA et al.			
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		6	5	7	0	7	1	8	05/27/03	NOMURA et al.			
		6	6	1	1	6	6	3	08/26/03	NAKAGAWA			
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		6	7	5	7	4	8	9	06/29/04	NOMURA et al.			
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	2002 /	0	1	8	1	9	5	3	12/05/02	ICHINOKAWA			
	2003 /	0	0	0	7	7	9	6	01/09/03	NOMURA et al.			
		6	6	6	5	1	2	9	12/16/03	NOMURA et al.			
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		4	8	4	1	3	2	3	06/20/89	MINORU et al.			
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FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office							Atty. Docket No. P23683		Application No. 10/646,824	
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									Filing Date August 25, 2003			

FOREIGN PATENT DOCUMENTS

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<i>REB</i>	2003	-	1	1	4	4	7	3	04/18/03	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>REB</i>	1	English Language Translation of JP 2002-277719.
	2	English Language Abstract of JP 9-015682.
	3	English Language Abstract of JP 8-313790.
	4	English Language Abstract of JP 6-230263.
	5	English Language Abstract of JP 10-254054.
	6	English Language Abstract of JP 2000-023002.
	7	English Language Abstract of JP 6-308592.
	8	English Language Abstract of JP 7-199019.
	9	English Language Abstract of JP 5-313226.
	1 0	English Language Abstract of JP 7-295050.
	1 1	English Language Abstract of JP 9-5849.
	1 2	English Language Abstract of JP 61-133933.
<i>REB</i>	1 3	English Language Abstract of JP 2003-114473.

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